

# Chem-Impex International, Inc.

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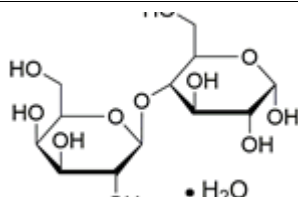
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

Catalogue Number	30089
Product	<b>α-D-Lactose monohydrate</b> 4-O-β-D-Galactopyranosyl-α-D-glucose Milk sugar
CAS Number	64044-51-5
Molecular Formula	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub> •H <sub>2</sub> O
Molecular Weight	360.32

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Appearance	White solid
Solubility	40 g in 100 mL water at 100 °C
Heavy Metals	≤ 5 ppm (as Pb)
Cation	Iron (Fe) : ≤ 5 ppm
Water Content (Karl Fisher)	4 - 6%
Insoluble material	≤ 0.005%
Grade	ACS reagent
Storage	Store at 0 - 8 °C
Additional Information	Dextrose : To pass test Sucrose : To pass test Residue after ignition : ≤ 0.03%

**For Laboratory Use Only**